

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 12, line 8 and ending on page 12, line 22 with the following paragraph rewritten in amendment format:

An alternative embodiment is illustrated in *Figure 10*. A deformable resilient element **1001** is responsive to deformation in two dimensions, illustrated by a first arrow **1002** and a second arrow **1003**. The device has a substantially square cross-section defining four surfaces; a first **1004** and a second **1005** surface are shown in the Figure, with a third **1006** and a fourth surface **1007** being on the reverse side. Each surface **1004** to **1007** has an electroconductive fabric portion applied thereto; shown in *Figure 10* is fabric **1008** applied to surface **1004** and fabric **1009** applied to surface **1005**. An electrical terminal is connected to the bottom of each conductive electroconductive fabric **1004** to **1008**; shown in *Figure 10* is terminal **1010** applied to conductive fabric **1008** and terminal **1011** applied to conductive fabric **1009**. The conductive fabrics are electrically connected towards the top of the device, in this example by means of a conductive band **1012**. Other connection means include adhering or stitching the conductive portions together directly or via a conductive ring.

Please replace the paragraph beginning on page 21, line 11 and ending on page 21, line 22 with the following paragraph rewritten in amendment format:

An alternative shape format for a deformable input device is illustrated in *Figure 22*, in the form of a hemisphere. Input device **2201** utilises two strips of electroconductive material **2202** and **2203**, operatively coupled with the domed surface of the hemisphere. As shown, each of the conductive tracks **2202**, **2003** extend over

the domed surface between opposite ends of a diameter of the substantially planar base of the hemispherical input device 2201. The strips 2202, 2203 are arranged substantially perpendicular, with a region of electric contact, indicated by shaded region 2204, between the two strips 2202, 2203, in the region of the apex of the domed surface. This arrangement and is similar to that of the deformable input device described with reference to, and as illustrated in, *Figure 10*, and may utilize a similar scanning sequence during operation.

Please replace the paragraph beginning on page 23, line 24 and ending on page 24, line 9 with the following paragraph rewritten in amendment format:

Figure 25 shows deformable input device 2401 following movement of the conductive ring 2406 from the at rest position. It can be seen from this ~~Figure~~ figure that conductive strips 2402 and 2405 are now shorter than in the at rest position and conductive strips 2403 and 2404 are now longer than in the at rest position. Thus, moving the conductive ring 2406 from the at rest position causes each of the strips 2402, 2403, 2404, 2405 to experience internal changes in tension and length. In this way, the input device 2401 is responsive to shear forces. By establishing a voltage gradient across opposed pairs of conductive strips, in this example across strips 2402 and 2404 or strips 2403 and 2404, and taking a voltage reading from one of the other pairs of strips, an extent of manually applied pressure and a direction of manipulating movement relative to the at rest condition can be determined.

Please replace the paragraph beginning on page 24, line 12 and ending on page 25, line 1 with the following paragraph rewritten in amendment format:

An alternative embodiment of deformable input device is illustrated in *Figure 26*. Input device **2601** takes a similar form to input device **2401**, having a similar two-dimensional format and a frame **2602**. However, input device **2601** differs in that it utilizes a layer of elastic electroconductive fabric **2603** to which four point electrical terminals **2603, 2604, 2605 and 2606** **2604, 2605, 2606 and 2607** are connected. The four electrical terminals **2603, 2604, 2605, 2606** **2604, 2605, 2606, 2607** allow deformation to be detected in two axes, as described above with reference to *Figure 10*. This type of arrangement is configured to detect manipulation of any area of the electroconductive material **2603**. Dotted line circle **2608** indicates a notional starting position. In addition, the deformable resilient element of the input device **2601** and the electroconductive material of the input device **2601** are both provided by the layer of elastic electroconductive fabric **2603**. Thus, these two elements of the deformable input device may be operatively coupled by virtue of the elements being combined in a single layer. Optionally, however, an additional stretch cover, indicated generally by dotted line **2609**, may be provided.

Please replace the paragraph beginning on page 25, line 2 and ending on page 25, line 6 with the following paragraph rewritten in amendment format:

In the shown arrangement, the frame **2602** takes the form of a substantially square backing board, with one point contact **2603, 2604, 2605, 2606, 2604, 2605, 2606, 2607** positioned substantially half way along each side. With this arrangement,

voltage swing is less detectable at the corner regions of the frame area than in the centre of the frame **2602**.